

BARTON-UPON-IRWELL  
RURAL DISTRICT COUNCIL.

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ANNUAL REPORT

FOR 1920,

BY

D. W. DAVIDSON, M.B., Ch.B. (Glasgow),  
(Medical Officer of Health),

EVA R. CHAMBERS

(Health Visitor),

GEO. G. FORSTER, (A. M. Inst. C.E.),  
Surveyor),

ROBERT G. CHILD (Mem. San. Inspec. Assoc.),  
(Sanitary Inspector).

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Issued by the Barton-upon-Irwell Rural District Council,  
May 1921.

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# MEDICAL OFFICER'S REPORT.

COUNCIL OFFICES,

PATRICROFT,

May 1921.

*To the Barton-upon-Irwell Rural District Council.*

GENTLEMEN,

I have the honour of submitting to you my Ninth Annual Report on the health and sanitary condition of your district for the year 1920.

## AREA AND POPULATION.

The acreage and estimated population of the different Townships in the district for the year 1920 are as follows:—

TOWNSHIP	Area in Acres	Population (Census) 1911	Estimated Population 1920
Barton Moss .....	1407	208	210
Davyhulme.....	2701	1429	1500
Flixton .....	1564	4845	5000
Clifton.....	1193	2743	2790
Whole District .....	6855	9225	9500

## BIRTHS.

The number of births registered during the year were 216 or 54 more than previous year; this gives the birth-rate of 22·7 per 1,000 population, as against 17 in 1919. The average birth-rate for the previous five years is 17·4.

The sex of the children born and the birth-rate of the separate Townships are given below:—

TOWNSHIP	Males	Females	Total	Birth Rate
Barton Moss .....	1	1	2	9·5
Davyhulme.....	11	16	27	18
Flixton .....	65	60	125	25
Clifton.....	34	28	62	22·2
Whole District .....	111	105	216	22·7

The male births during the past year are in excess of the female births by 6. Flixton having the highest birth-rate with 25, while Clifton is next with 22·2, six of the births were illegitimate.

#### DEATHS.

The total deaths belonging to the district were 113; 86 of these occurred in the district and 27 were transferred. This gives a death-rate of 11·8, against 12·2 in 1919. Pulmonary Tuberculosis accounted for 12, Bronchitis 7, Pneumonia 7, Cancer 8, Heart Disease 6, and the rest from various causes.

The following Table shows the sex of the persons dying, and the death-rate in the different localities:

TGWNSHIP.	Males	Females	Total	Death Rate
Barton Moss .....	1	1	2	9·5
Davyhulme.....	8	10	18	12
Flixton .....	31	35	66	13·2
Clifton .....	15	12	27	9·6
Whole District .....	55	58	113	11·8

## INFANTILE MORTALITY.

Nine deaths occurred in children under one year or age which gives a death-rate of 40 per 1,000 births, as compared with a death rate of 67 in 1919.

## INFECTIOUS DISEASES (other than Phthisis).

The number of cases notified reached 99. Scarlet Fever accounted for 72 notifications, Diphtheria 16.

The following is a list for the previous five years—101 in 1919, 282 in 1918, 126 in 1917, 137 in 1916, and 71 in 1915.

Of the above 99 cases, 40 occurred in Flixton, 9 in Davyhulme, 50 in Clifton.

## ENTERIC FEVER.

No notification of this disease was received during the year.

## SCARLET FEVER.

The number of Scarlet Fever notifications received were 72, against 53 in 1919, 14 in 1918, 10 in 1917, 61 in 1916, and 57 in 1915.

36 of these cases occurred in Flixton, 8 in Davyhulme, and 28 in Clifton.

## DIPHTHERIA.

16 cases of this disease were notified against 4 in 1919, 10 in 1918, 9 in 1917, 5 in 1916, and 3 in 1915,

Two cases occurred in Flixton and 14 in Clifton.

With regard to the slight outbreak in Clifton, two unrecognised cases were found attending school by the School Medical Officer; doubtless a number of cases were due to contact with these, as after isolation of these cases, no further trouble was experienced.

## SMALL-POX.

No case has occurred. We have a contract with Salford Corporation for the removal to their Hospital of any cases which might arise.

CEREBRO-SPINAL FEVER, ACUTE POLIOMYELITIS,  
AND OPHTHALMIA NEONATORUM.

One case of Poliomyelitis and one case of Ophthalmia Neonatorum were notified during the year and occurred in Flixton and Clifton respectively.

## CASES REMOVED TO HOSPITAL.

32 cases were removed to Hospital during the year. Of these 28 were Scarlet Fever and 4 Diphtheria.

METHOD OF DEALING WITH INFECTIOUS  
DISEASES.

Each case notified is visited at once; Isolation is enjoined either at home or by removal to Ladywell Sanatorium and all children from the infected home are prevented from attending school, until such time that a certificate of freedom of the house from infection is issued to the School Master.

Disinfection of wearing apparel, discharges, drains, and privies are carried out; and at the termination of the illness the room and its contents are thoroughly fumigated with Formaldehyde Gas, such articles as required being submitted to Lyon's Superheated Steam Disinfection, or destroyed and compensation granted.

Disinfectants, free of costs are provided in each township. Careful inspection of the premises are always carried out, and defects, temporal or structural are rectified.

A precautionary notice and a list or suggestions for preventing the spread of infectious diseases is delivered at the house when the case is visited.

All houses where cases are isolated at home are frequently visited until the termination of the illness.

If there is suspicion that an unrecognised case is attending a school, the school is visited and full enquiries made.

### DIPHTHERIA ANTITOXIN ORDER OF 1910.

Arrangements are made for the supply in Antitoxin in the different parts of the District, free of cost, for use of those patients who are too poor to pay for it.

### PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Eighteen new cases under the above regulations have been notified during the year as follows :

Pulmonary Tuberculosis	...	14
Other forms of Tuberculosis	...	4

When a case is notified, visits are made from time to time, and a card of instructions as to the best way of counteracting the disease is left at the house. Disinfectants and Sputum Handkerchiefs are supplied free when necessary.

### BACTERIOLOGICAL EXAMINATIONS.

I have to thank Professor Delépine for the Bacteriological Examinations during the past year as follows:—

Diphtheria, 8; Human Tuberculosis Sputum, 17.

### MEDICAL INSPECTION OF SCHOOL CHILDREN.

This work is undertaken by the Lancashire County Education Authority.

### SALE OF FOOD AND DRUGS' ACT.

The number of samples purchased in the various townships

by the County Police, under the above Act, during the year were as follows.—

Nature of Article.	Barton Moss	Davyhulme	Flixton	Clifton	Total
Milk .....	2	6	6	3	17
Pepper .....	..	..	5	..	5
Mustard .....	..	..	1	..	1
Coffee, .....	..	1	5	1	7
Cocoa .....	..	1	3	..	4
Lard .....	..	..	1	1	2
Cheese .....	..	..	1	..	1
Margarine .....	..	..	1	..	1
Butter.....	..	..	..	1	1
Ground Ginger.....	..	..	1	1	2
Arrowroot .....	..	..	..	1	1
Yeast .....	..	..	..	1	1
Total .....	2	8	24	9	43

All of which were found to be genuine.

#### MILK SUPPLY.

The Dairies and Cowsheds have been periodically visited by your Inspector. These premises are kept in fairly good condition and as regularly as possible cleansed and limewashed.

No action has been taken by my Council or any other authority acting under special powers, in causing Dairy Cows in the district to be examined by Veterinary Surgeons.

#### WATER SUPPLY.

The whole of the district, except a few scattered dwellings, is supplied by Town's water, partly by Manchester and partly by Bolton.



The water supply is of good quality, and has so far been found to be ample in quantity.

### SEWAGE AND DRAINAGE.

The more densely populated parts of the Township of Davyhulme are provided with main sewers.

No. 2 scheme for the sewerage of the remaining portion of the district is still in obedience. An attempt has been made to sewer Chapel Place area connecting with an existing outlet.

Owing to the growth of Trafford Park, it is also very desirable that the sewerage of this area be given consideration at an early date.

FLIXTON.—The Sewage from this Township is treated at the works provided jointly with the Urmston Urban District Council.

The Clifton Sewage is treated at the Clough Sewage Works and the Unity Brook Sewage Works and from the present quality of sewage delivered at the Clough Sewage Works the effluents are of a fair standard.

### EXCREMENT DISPOSAL.

In the Rural District there are approximately 440 Privy Middens, 1450 Water Closets, 200 Pail Closets and 12 Waste Water Closets.

The work of conversion has been rather higher than in the previous year, 37 Water Closets were provided in lieu of Privy Middens, against 23 in 1919. Many of the remaining Privy Middens are still unsatisfactory, and should be dispensed with as early as possible.

### REMOVAL OF HOUSE REFUSE.

The removal of House Refuse in the whole of your District is carried out by contract in Clifton and Davyhulme and by the Council's entire staff in Flixton and the work is done in a fairly satisfactory manner.

The refuse is disposed of at refuse tips and farms.

In Barton Moss where the occupiers are mostly farmers the work is undertaken by themselves,

### OFFENSIVE TRADES.

No additional works have been erected in the District under Section 112 of the Public Health Act 1875, and no complaints were received in connection with the existing premises during the year.

### SLAUGHTER HOUSES.

The Slaughter-Houses have been duly inspected and found satisfactory.

Although only three in number, they are so scattered that it is impossible to carry out a thorough inspection of the meat or carcases before the organs are removed. They are visited as often as possible at the times of slaughtering by your inspector.

### NOTIFICATION OF BIRTHS ACT.

The details of the work carried out under this Act will be found in the Health Visitor's report attached hereto.

### MATERNITY AND CHILD WELFARE.

Maternity and Child Welfare Centres are now established in three of the townships of your District, namely, Clifton, Flixton, and Davyhulme,

Below will be found a table, giving the attendances at each of these centres for mothers, children under and over one year of age, also special cases sent to the centre which were over school age.

Centre	Mothers	Children under one year	Children over one & under five years	Special cases of children over five years	Total
Davyhulme..	366	120	340	...	826
Flixton ....	1373	398	1189	30	2990
Clifton ....	1820	400	1656	..	3876
Totals...	3559	918	3185	30	7692

## FACTORY AND WORKSHOPS ACT, 1901.

The sanitary condition of the workshops and workplaces has not called for any special action.

Section 22 of the Public Health Acts Amendment Act, 1890, is in force in the district, the standard for females being 1 to 20 employed ; and for males, 1 to 30 employed.

No cases of overcrowding have been discovered, many of the places on the register being of recent construction and satisfactory in condition.

No cases of infectious disease has arisen in connection with any of the places on the register.

Sixty visits of inspection were made during the year to factories and workshops.

No breaches of sanitary requirements for bakehouses came under notice.

Only one of the bakehouses in the district is underground.

D. W. DAVIDSON, M.B., Ch.B. (Glasgow),

*Medical Officer of Health.*



## PER 1000 OF POPULATION.

BARTON-UPON-IRWELL.	Birth rate.	Death rate.	Epidemic Death Rate.	Phthisis Death Rate.	Rate of Deaths under 1 year to 1000 Births.
1920.....	25·1	12·3	0·55	1·32	39
1919.....	19·0	13·3	nil	0·80	63
Mean of 10 years 1910-1919 ..	19·3	12·4	0·73	0·76	78
Increase or Decrease in 1920 on :—					
Previous Year .....	+6·1	—1·0	+0·55	+0·52	—24
Ten Years' Average .....	+5·8	—0·0	—0·18	+0·56	—39

# Summary of Medical Officer's Report for 1920.

What is the character of the Hospital accommodation : For Small-pox, by contract with Salford Corporation ; For other diseases, by Contract with Salford Corporation.

Is it Joint or otherwise?—Joint. Sum per week per patient and retaining fee paid.

No of Beds available for your District ; For Small-pox 2 ; for other infectious diseases, 5.

How is Disinfection carried out—

Number of Houses disinfected—50. Method—Formaldehyde Gas.

Are Houses disinfected after Phthisis—Yes. Measles—No.

Apparatus used for Clothing, Bedding, etc. (steam or otherwise)—Steam.

Where is Apparatus situated—Mode Wheel ; Salford Corporation.

If Apparatus at Hospital is available is it used for the disinfection of Clothing, Bedding, etc., of Patients *not* removed to Hospital—Yes.

Are any Diseases notifiable other than those which are compulsorily notifiable [for instance Measles, Whooping Cough, Diarrhoea, Chicken Pox, &c.]—No.

If so, What are they.

What Diseases have been specially prevalent—Nil.

Period—Nil.

No. of times Closure adopted for Scarlet Fever—Nil.

No. of Special Reports made under Art. XIX (15 and 16) Sanitary Officers' Order, 1910—Nil.

Bacteriological Examinations. Specimens Examined : Throat Swabs, 8 ; Sputum, 17.

Diphtheria Anti-Toxin Order, 1910. Is a supply of Anti-toxin kept *within* the district—Yes. If so, where—By local Chemists. Amount used during 1920—Not known.

“The Housing Acts, 1890 to 1920.”—

Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article I of the Regulations of 2nd September, 1910—Yes.

Has your Authority prepared, as required by Article I, (3) a list of dwelling houses, the “early inspection of which is, in the opinion of the M.O.H. desirable”—These are known.

Has your authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Articles (II) and (III)—Yes.

What officer has been so designated—Sanitary Inspector.

Have the necessary books, forms, &c., for keeping the required records been obtained—Yes.

Are these kept up-to-date—Yes.

Action taken in 1920 under the Housing Acts—

(a) No. of Dwelling-houses specially inspected during 1920 under Section 17 of the Act of 1909, *i.e.*, with a view to ascertaining whether any dwelling houses are unfit for human habitation—

(b) No. of Dwelling-houses inspected under (a) which are considered unfit for human habitation—

(c) No. of Representations to Authority with a view to making Closing Orders—

(d) No. of Closing Orders made—

(e) No. of Dwelling-houses in which defects were remedied without making Closing Orders—

(f) No. of Dwelling-houses put into a fit state of habitation after making Closing Orders—



(g) No. of Dwelling-houses demolished—

General character of defects found to exist—

Total No. of Dwelling-houses inspected for the purpose of the Housing Acts, other than those inspected under (a) above. (Not including inspections *re* Nuisances, &c.

If your Authority has a Housing Scheme, state what stage has been reached on December 31st, 1920, giving information under the following headings:

No. of Schemes submitted..	..	..	..	3
„ Lay-outs submitted..	..	..	..	3
„ „ approved ..	..	..	..	3
„ Houses included in House Plans submitted	..	..	..	138
„ „ „ „ approved	..	..	..	138
„ „ on which work has commenced	..	..	..	nil
„ „ completed	..	..	..	nil

No. of houses built during 1920 by private enterprise—Nil.

Source of Water Supply. What is its condition—Good. Possibilities of contamination—None known. Any insufficiency, and where—No. Nature of extensions (if any) during the year—Nil.

Are Scavenging and removal of House Refuse carried out satisfactorily for the whole district—Yes.

How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses)—By Sanitary Authority in Flixton; by contract for Team Labour only in Davyhulme and by contract in Clifton.

If Privy Middens exist, are they emptied by day or night—Day.

How is the Refuse disposed of—Refuse Tips and Farms.

Has a Destructor been provided—No.

Sewage Disposal Works. Method of Treatment—Detritus Tanks and Continuous Filters.

What is the character of the Drainage System. Any developments during year—Partially separate.

Areas, or Townships, without proper drainage system—Portions of Davyhulme, Flixton and Clifton.

Action taken—Drain Testing, Flushing, &c.—New Drains tested by water: flushing tanks on sewers in Davyhulme.

Action taken with regard to the Pollution of Streams—Nil.

Canal Boats: Number inspected—

Number of Infringements of Acts—

What is the condition of the Bakehouses—Good. No. 7.

What is the condition of Slaughter-houses—Fair. No.

No. Registered—Nil. Mo. Licensed—Three. Has a Public Abattoir been provided—No.

What is the condition of Lodging-houses— No.— Are they Registered—

What is the Sanitary condition of the Schools—Fair.

Dairies, Cowsheds and Milkshops—Are they periodically inspected—Yes. What is their condition—Fair.

Have Regulations been made under the Order of the L.G.B.—Yes. Are they enforced—Yes.

Amount of space in cubic feet required for each cow—(a) Where cows are habitually grazed, 600 c. feet. (b) Where cows are not habitually grazed—800 c. feet.

Cowkeepers—Total No. of Cowkeepers—23. No. on Register—23, No. of inspections during the year—65.

Dairymen or Purveyors of Milk (other than Cowkeepers)—Total No. of Dairymen or Milk Purveyors—31. No. on Register—31 (other than Cowkeepers).

Any arrangements for Veterinary Inspection of Dairy Cows—No.

Action taken (if any) as to tuberculous milk—Nil.

Inspection of Food.

Amount condemned or surrendered as unfit for human consumption—State approximately the weight of carcasses and of parts—

(a) Tuberculosis carcasses and parts—Nil. (b) Diseases, unsound, or unwholesome meat (other than above—Nil. (c) Other foodstuffs—  
Bacon, 56 lbs.

No. of Legal Proceedings and result—Nil.

Nuisances;—No. of Notices served (informal) 103; (statutory) 82; No. of Nuisances abated—248. Do of Legal Proceedings taken and result—Nil.

Closets and Ashpits—Privy Middens. No. of Middens—440. No. of Closets attached to these Middens—480. No. of Pail Closets—200. No. of Dry Ashpits (excluding middens)—50. No. of Fresh Water Closets—1450. No. of Portable Receptacles for Refuse—1020. No. of Waste Water Closets—12.

No. of Privy Closets converted during 1920—

To Fresh W.C.'s—37. To Waste W.C.'s—Nil. To Pails, &c.—Nil.

No. of Pail Closets converted to Fresh W.C.'s—Nil. To Waste W.C.'s—Nil.

No of Waste W.C.'s converted to Fresh W.C.'s—Nil.

Does Council contribute towards the cost of conversion—No. If so, how much—

What kind of closet accommodation is being provided for new property—W.C's where sewers available.

Smoke. No. of Observations—19. No. of Legal Proceedings taken and result—Nil.

What is the time limit allowed for the emission of black smoke per hour—No time limit fixed.

Has the Authority adopted—

The Infectious Disease (Prevention) Act, 1890—Yes. The Public Health Acts Amendment Act, 1890—Yes. The Public Health Acts Amendment Act, 1907—Yes, in part.

Has a Health Visitor been appointed by the Local Council. State whether whole or part time—Yes, whole time.

Qualifications of Health Visitor—C.M.B.

Has any, and if so what, action has been taken by the Council respecting Child Welfare Work—Yes, Clinics opened in Flixton, Clifton and Davyhulme.

Has any scheme been prepared in regard to the Supply of Food and Milk for Expectant and Nursing Mothers, and of Milk for Infants—Yes, through Health Visitor.

Is there a District Nursing Association in the District—Yes, in Clifton only. How many District Nurses employed—One.

If so, does any arrangement exist between the Council and the Association in respect of Child Welfare Work—No.

If no such arrangement exists, does the Association voluntarily undertake Child Welfare Work.

Does the Association undertake—(a) Midwifery cases—No. (b) Monthly Nursing—No.

Notable Sanitary requirements of District—



Table XV.—Birth Rate, Death Rate, and Analysis of Mortality during the year 1920.

(Provisional figures. Provisional populations estimated to the middle of 1920 have been used for the purposes of this Table. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	Birthrate per 1,000 Total Population.	ANNUAL DEATH-RATE PER 1,000 POPULATION.										Rate per 1,000 Births		Percentage of Total Deaths			
		All Causes.	Enteric Fever	Small-pox	Measles	Scarlet Fever	V/hooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis under 2 years	Total Deaths under One Year	Deaths in Public Institutions	Certified Causes of Deaths	Inquest Cases	Uncertified Causes of Death	
England and Wales	25·4	12·4	0·01	0·00	0·19	0·04	0·11	0·15	0·28	0·48	8·3	80	24·3	92·2	6·6	1·2	
96 Great Towns (including London (Census Populations exceeding 50,000) ...	26·2	12·5	0·01	0·00	0·22	0·04	0·14	0·16	0·31	0·43	10·4	85	31·3	92·2	7·1	0·7	
148 Smaller Towns (Census Populations 20,000—50,000 ...	24·9	11·3	0·02	0·00	0·19	0·03	0·10	0·14	0·27	0·38	7·8	80	16·5	93·2	5·3	1·5	
London .....	26·5	12·4	0·01	0·00	0·22	0·05	0·17	0·22	0·30	0·47	9·5	75	46·8	91·2	8·6	0·2	

# Health Visitor's Report.

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HEALTH VISITOR'S OFFICE,

MARCH, 1921.

*To the Chairman and Members of the Barton-upon-Irwell  
Rural District Council.*

GENTLEMEN,

I have much pleasure in submitting my report for the year 1920.

The number of births and particulars of attendances at the different Infant Welfare Centres, viz.:—Davyhulme, Flixton, and Clifton, are included in the Medical Officer of Health's Report, also the number of mothers who have received medical advice concerning themselves or their children.

The number and class of visits paid by me are as follows : —

First visits or new birth visits	..	...	143
Ante-natal (or before birth visits)	...	...	111
Subsequent and special visit	...	...	1524
Total number of visits			1778

The work of the three Infant Centres has progressed very satisfactory and continues to do so; home visiting still continues to be one of the most important parts of the work; attention to an infant is so necessary during the early weeks of babyhood at a time when the mother is weakened and not able to attend a Centre for needed advice; already the mortality rate of children from six months to five years is gradually being lowered but we have not the same decrease in the mortality of children in the first few weeks of life. A few facts taken from a printed leaflet under the National Baby Week Council may be interesting; also showing the continued need for treatment and advice for mothers and infants.

(1) Every five minutes a baby dies somewhere in the United Kingdom. (2) Out of 852, 339 died before they reached their first birthday ; probably 100,000 died before birth, also the irreparable damage by the same causes amongst survivors is also shown by school statistics ; nearly two-thirds requiring treatment. (3) Already 200,000 children attend Infant Centres in England and Wales, another 100,000 are supervised by Health Visitors in the routine Home visiting.

These extracts show at once the real importance of the Health Visitors work by bringing to the notice of the mother, the way to feed, dress, and train themselves in preparing for the coming event, by the steady advocacy of breast feeding, by the importance of healthy parentage and the joining in the campaign against venereal diseases, the need for fresh air, exercise, and proper housing. These are some of the vital necessities for the rearing of healthy infants and thus securing a healthy race.

I am, as is probably known, now transferred to work under the Lancashire County Council, but continue to work at east a part of your district, Davyhulme, Barton Moss and Flixton. School work is also now included under the Maternity and Child Welfare Scheme.

May I take this opportunity to thank you for past favours and consideration ; I am also grateful to all the ladies of the voluntary committees for their help during my term of office under you.

I am, Gentlemen,

Yours obediently,

EVA CHAMBERS.

# SURVEYOR'S REPORT.

SURVEYOR'S OFFICE,

PATRICROFT,

*June, 1921.*

*To the Chairman and Members of the  
Barton-upon-Irwell Rural District Council.*

GENTLEMEN,

I submit my report upon the works carried out in my department during the year ending 31st December 1920.

· FLIXTON PAROCHIAL COMMITTEE.

J. J. HEADY, Esq., Chairman.

During the past year Bye-law Plans for the following buildings have been laid before, and approved by, the Committee :

Dwelling Houses		Works and Sundry Buildings		New Streets
Alterations and Additions.	New	Alterations and Additions	New	
5	1	1	3	Nil

The following Table gives the number of houses erected in Flixton during the last ten years :—

1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
32	23	23	17	9	0	0	0	0	0

## HIGHWAYS.

The Parochial Committee has under its charge a total length of 6 miles, 6 furlongs, and 127 yards of highways, of which 4 miles, 3 furlongs, and 100 yards are secondary roads (*i.e.*, roads towards the maintenance of which the County Council makes grants in aid). The remaining 2 miles, 3 furlongs and 27 yards are classified as "Other" Roads, towards the maintenance of which no grants are received.

The roads are as follows :—

Roads	County Council Reference No.	Ordinary Grant	Name of Road	Length		
				Miles	Furlongs	Yards
Secondary Roads....	350	£ 100	Irlam .....	2	4	112
			Church .....			
			Flixton .....			
	351	24	Woodsend .....	..	6	99
	352	46	Flixton .....	..	6	44
	361	20	Carrington Road.. ..	..	2	65
				4	3	100
"Other" Roads ....			Goldsworthy Road....	..	..	177
			Whitelake Avenue ....	..	..	290
			Moorside Road .....	..	1	176
			Western Road.....	..	1	88
			Brook ,, .....	..	1	198
			Chassen ,, .....	..	3	198
			Lime Avenue .....	..	..	188
			The Hollies .....	..	..	72
			Back Streets .....	..	1	11
			Princess Road.....	..	1	124
			Back Barton Avenue,	..		
			North and South....	..	..	77
			Alderley Road .....	..	..	213
			Barnfield .....	..	1	39
			Delamere Road .....	..	..	179
			Albert Grove .....	..	..	120
			Victoria Avenue .....	..	..	77
				2	3	27

With regard to the work on highways during the year it should be stated that during the two years ending December, 1919 and 1920, the question of Highways Expenditure has not been so simple a matter as in the years preceding, but has been considerably complicated by three factors, viz :—(1) The unparalleled increase in the cost of labour and materials; (2) The abnormal difficulty in obtaining materials; and (3) the fact that we have been working under a special scheme controlled by the Road Board acting through the County Council.

Hence our road programme was not merely spending certain sums in the three Parishes of Flixton, Davyhulme and Clifton, but a certain sum on certain work approved by the Road Board.

The principal item of expenditure has been the widening of Flixton Road, a scheme which, for many years before I came to the district, had been under the consideration of the Committee, but could not be undertaken until the necessary land had been acquired. The negotiations for the purchase of the land were necessarily complicated and protracted, but in the final result it is only fair to state that, considering the transactions as a whole, equitable terms with the frontagers have been finally arranged, and that the aggregate amount paid for the various plots of land was about £360 less than the total amount of claims originally put forward.

The Road Board grant was conditional on the amount being spent early in the financial year ending 31st March, 1921, hence, owing to the prolonged negotiations previously referred to, it was decided to push on with the other work included in the Road Board Scheme, and to carry forward to the following year the unspent balance on Flixton Road.

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## DAVYHULME PAROCHIAL COMMITTEE.

R. K. WADSWORTH, Esq., Chairman.

During the past year Bye-law Plans for the following buildings have been laid before, and approved by the Committee :—

Dwelling Houses		Works and Sundry Buildings		New Street
Alterations and Additions	New	Alterations and Additions	New	
1	3	9	38	Nil

The following Table gives the number of houses erected in Davyhulme during the past ten years :—

1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
6	0	7	12	21	3	1	0	0	0

## HIGHWAYS.

The Committee has under its charge 5 miles 1 furlong and 56 yards of highways, made up of Secondary Roads and "Other" roads. The roads are as follows :—

Roads	County Council Reference No.	Ordinary Grant	Name of Road	Length		
				Miles	Furlongs	Yards
Secondary Roads ....	351	£ 42	Davyhulme Road ....	1	3	7
	351	12	Crofts Bank Road ..	..	3	30
	349	18	Moss Road .....	...	2	109
				2	0	146
"Other" Roads ...			Redclyffe Road .....	..	5	130
			Bent Lanes .....	1	1	..
			Moorside Road .....	1	2	..
				3	..	130



The principal work undertaken on Highways in Davyhulme during the year was the widening of Redclyffe Road which comprised a length of 308 lineal yards of Roadway widened to a width of 42 feet at a cost of £2896.

As the Council will be aware the estimate for the greater part of the work in Redclyffe Road was prepared and sent to the Road Board in the Spring of 1919, but that owing primarily to the abnormal scarcity of labour and materials throughout the whole of the year 1919, the work could not be commenced with until the Spring of 1920. By an arrangement made between the Road Board and the local authorities (most of whom had the same experience as ourselves) the unexpended balances were carried forward into the following financial year, but the abnormal economic conditions then existing throughout the country resulted in a large advance in the cost of labour and material, with all of which facts of course I take it the Council are well acquainted.

I had a number of interviews with the County Surveyor and pointed out to him the seriousness of these conditions as bearing on the question of carrying out the Road Programme under which the Road Board Grant was promised, and it was finally agreed that the whole programme should not be insisted on, but if the Council spent not less on their Roads than was shewn in the estimates (whatever the area of completed Roadway might be) the grant would hold good.

Hence the amount (£1258) agreed to be contributed by the Road Board has been paid in full.

The estimated cost of Redclyffe Road widening was £2154 15s. thus it will be seen that, owing to the greatly increased cost of labour and materials between the date when the estimate was prepared and that of the execution of the work, the estimate was exceeded by £741 5s.

As bearing on this point and for the further information of the Council I give below a summary of the cost of the work, and also shew as regards some of the items, the increases in prices at the time the work was done, as compared with the prices ruling at the time the estimate was prepared.



Item.	Actual cost of materials and labour exclusive of direct labour	Excess cost over estimated cost of the principal items of expenditure, due to the increased cost of labour and materials
Tar Macadam....	736 0 0	Price increased from 25/- to 48/- per ton 352 0 0
Kerbs .....	221 0 0	Price increased from 4/9 to 7/7 per yard ..... 83 0 0
Channel Blocks..	177 0 0	Price increased from 25/- to 53/- per ton.. ..... 65 0 0
Drain Pipes, Gullies, Cement and Bricks ....	146 0 0	Excess cost ..... 25 0 0
Haulage .....	410 0 0	Excess cost (team labour gradually increased from 16/- to 30/- per day) ..... 150 0 0
Diverting Gas Main .....	57 0 0	Special item of Expenditure ..... 57 0 0
Fencing & Quicks	78 0 0	..... 20 0 0
Steam Roller Hire	146 0 0	Prices gradually increased from 20% to 30% ..... 50 0 0
Chippings .....	20 0 0	..... 7 0 0
Constructing Man-holes & Laying Surface Water Drains .....	100 0 0	..... 40 0 0
Manhole Covers..	25 0 0	..... 6 0 0
Compensation to Farmer and use of Tip .....	7 0 0	Special item of Expenditure ... 7 0 0
	2123 0 0	882 0 0
Direct Labour ...	773 0 0	Labour increased from 45/- to 61/- per week, per man ..... 185 0 0
	2896 0 0	Total..... 1067 0 0

It should be noted that the cost of the direct labour engaged (which was obtained through the Labour Exchange) forms a comparatively small part of the total expenditure. However I have measured up the work actually carried out, and have carefully scrutinised the wages bill, and speaking from considerable experience in the execution of Road Improvement Schemes by means of casual labour, it is my considered judgement that, in view of the high wages ruling at the time the work was done, the wages bill was not excessive.

During the period covered by this report another important work carried out in Davyhulme was the reconstruction of the

sewers in Chapel Place and the adjoining back passages. The contractors were Messrs. Snape and Sons and the work cost about £1200.

The Manchester Corporation's new Power Station at Barton has been commenced with and several important questions contingent thereon and affecting the development of the district have required and received the most careful attention of the Davyhulme Parochial Committee.

After prolonged negotiations between the Manchester Corporation, the Manchester Ship Canal Co., the Trafford Park Estates Co. and the Council, the following understandings have been tentatively reached, subject to a joint agreement being finally arranged, viz.:—(a) That the new Road in Trafford Park shall be formed to a width of 42 feet for the greater part of its length, and at no part will it be less than 36 feet wide; (b) that the new Bridge across the Bridgewater Canal shall be so constructed that there shall be provided for vehicular and pedestrian traffic a width of 36 feet in the clear between the booms; (c) that the existing Bridge over the Bridgewater Canal shall remain for the use of pedestrian traffic; (d) that the proposed highly dangerous steps giving access to the new footpath from the new Bridge over the Canal shall be deleted, and the width of the aforesaid new footpath shall be increased from 6 feet to 9 feet; further that from the existing Bridge over the Bridgewater Canal to the entrance to the new Dock in the Power Station, this new footpath shall be carried on steel girders and brick piers in lieu of the arrangement shewn on the plan agreed to under the Manchester Corporation Act 1914; and (e) that convenient means of access shall be provided for pedestrian traffic to the Inclined Northern Approach to the existing Bridge over the Bridgewater Canal.

#### CLIFTON.

In Clifton you have one Secondary Road (No. 326), Rake Lane, in respect of which you receive a grant from the County Council of £40.

The length of this road is 1 mile, 0 furlongs and 136 yards, and owing to the difficulty in obtaining skilled labour, considerable repairs were found to be much needed to maintain it in a satisfactory condition. A special pavior was therefore temporarily engaged for the work which has been carried out at a total cost of £162.

The following is a list of the "Other" roads and highways which are maintained by you:—

	Fur.	Yds.
Billy Lane .....	1	80
Vickers Street.....	0	158 $\frac{1}{2}$
Berry Street. ...	0	102 $\frac{1}{2}$
Richmond Street .....	0	45
Holt Street .....	0	44
Back Richmond Street....	0	24
Back Manchester Road, South .....	0	113
Back Manchester Road.. .....	0	45
Lomax Street . .....	0	110
Back Berry Street .....	0	45
Gaskell Street .....	0	66 $\frac{1}{2}$
Back Vickers Street .....	0	100
Rose Hill Street.....	0	108 $\frac{3}{4}$
Side Street A .....	0	20
Back Passage off Holt Street .....	0	17
Wroe Street.....	0	110 $\frac{3}{4}$
Lomas Street, off Wroe Street .....	0	27
Back Manchester Road, off Wroe Street .....	0	30
Back Manchester Road, off Wroe Street .....	0	27
Cotton Street .....	0	56
Fitton Street .....	0	88 $\frac{1}{2}$
Battery Street .....	0	108
Back Fitton Street South .....	0	37 $\frac{1}{2}$
Clough Street .....	0	65
Back Fitton Street, North .....	0	33 $\frac{1}{2}$
Back Cotton Street .....	0	38
Back Manchester Road, North.....	1	72 $\frac{1}{2}$
Side Street, No. 1 .....	0	89
Side Street, No. 2 .....	0	29
Thomas Street.....	0	29
Side Street, No. 4 ..	0	29
Side Street, No. 5 .....	0	29
Back New Rake Lane .....	0	10
Total..... 2 Miles	<u>5</u>	<u>120</u>

During the past year Bye-law Plans for the following buildings have been laid before, and approved by, the Council:—

Dwelling Houses		Works and Sundry Buildings		New Streets
Alterations and Additions	New	Alterations and Additions	New	
Nil	Nil	1	6	Nil

The following Table gives the number of houses erected in Clifton during the last ten years :—

1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
0	2	4	5	11	10	0	0	1	0

#### COPPICE CLOUGH SEWAGE WORKS.

The effluent from these works have, during the period covered by this Report not been satisfactory to the Mersey and Irwell Joint Committee and it was decided to put down a Secondary Settling Tank and to renew the filtering material in Bed No. 2.

The latter work was carried out by Messrs. W. Snape and Sons and cost £145.

#### MAIN SEWERS.

The lengths of the main sewers in Clifton are as follows, viz.:—

	Mls.	Fur.	Yds.
Main Trunk Sewers .....	1	3	96
New Intercepting Sewer .....	0	1	180
Tributary Sewers .....	1	3	187
Total .....	3	1	23

These sewers are constantly receiving attention, and are flushed and cleansed weekly.

#### GENERAL.

The maintenance of highways, sewers, and other works, also the supervision of new buildings, drains, sewage outfall works, etc., have been duly attended to throughout your District during the year.

I am, Gentlemen,

Your obedient servant,

GEO. G. FORSTER, A.M. Inst. C.E.

Engineer and Surveyor.

# SANITARY INSPECTOR'S REPORT.

COUNCIL OFFICES,  
PATRICROFT,  
May, 1921.

*To the Chairman and Members of the  
Rural District Council.*

GENTLEMEN,

I beg to submit my Ninth Annual Report as Sanitary Inspector to your Rural District.

The work during the past year has been carried out on similar lines to formerly. The number of visits which are so varied make it difficult to tabulate in the ordinary way, so I propose only submitting the table showing the work done.

TABLE 1.

	Davyhulme	Flixton	Clifton	Total
NUISANCES ABATED—				
Privies Converted to Water Closets .....	10	27	...	37
Additional Water Closets Provided .....	..	2	..	2
Privy Middens Abolished .....	5	16	...	21
New or Additional Dust-bins Provided .	10	58	..	68
New Closet Pails Provided .....	..	4	2	6
W.C.'s Repaired, New Basins, &c. ....	6	..	..	6
MISCELLANEOUS—				
Houses Repaired .....	12	11	3	26
Houses Cleaned .....	...	2	3	5
Drains Repaired or Re-constructed ....	7	26	7	40
Drains Provided with Ventilation.....	4	16	..	20
New Gully Traps Fixed .....	..	4	..	4
Cesspools Cleaned .....	1	..	..	1
Yard Surfaces Repaired or Renewed ..	2	7	..	9
Smoke Nuisances Abated .....	5	1	..	6
Total .....	62	174	15	251
Notices Served (Informal) .....	16	71	16	103
„ „ (Statutory) .....	26	56	...	82
Total .....	42	127	16	185

## CLIFTON.

The collection and disposal of Domestic refuse in this Township is still carried out by contract and in a fairly satisfactory manner.

The dust-bins and pail closets are emptied weekly and the privies and ash-pits at least four times a year. The dry refuse from the bins and ash-pits is disposed of at a tip provided by the Contractor, while the contents of privy middens and pail closets is used for manurial purposes.

## DAVYHULME.

The collection and disposal of refuse in this township is carried out as formerly, namely, contract for team labour only, the manual labour being provided by the Council. The work is done regularly and efficiently, and without complaint.

The dust-bins are emptied weekly, and the privy middens and dry ash-pits not less than four times a year. Many of the pail closets in the Trafford Park area are emptied twice a week and the remainder receive weekly attention. The dry refuse from bins and ash-pits is disposed of at refuse tips and the contents of privy middens and pail closets used for manurial purposes.

The growth of Trafford Park area, by the erection of new works, is greatly increasing the work, both for cleansing and inspection. It will also be necessary in the near future to increase the lighting of other roads in this area. An application has been made for a loan to substitute electric light for the existing method of gas lighting in this part of the district, but for the present is in abeyance. As regards Fire Protection in Trafford Park area, agreements have been entered into with the Eccles and Manchester Brigades.

During the year 10 water closets were provided and five privy middens abolished and dust-bins were supplied for house refuse. Six water closets were repaired and in seven cases the house drains repaired or reconstructed.



## FLIXTON.

As mentioned in my previous report that the Committee were taking into consideration the question of a change in the method of refuse collection and disposal. I am pleased to say that this has taken place.

Owing to the ever increasing cost of contract and the lack of competition, after very careful consideration it was decided to take on this work under their entire control. On figures submitted and various methods of working, it was eventually decided to apply for a loan for the purchase of a Motor Lurry and after full enquiry the application was granted and the necessary vehicle obtained.

The Motor Lurry, which is 3-4 ton Dennis chassis, fitted with an Eagle Engineering Company's tipping body and an interchangeable tank, was purchased and commenced working in August last. So far the new method has been quite satisfactory. The work of refuse collection is more expeditiously done with the result that the lurry can and is used for work in other departments than the cleansing, such as street watering, sewer flushing, haulage of road materials, collection of road sweepings, etc.

The cleansing work under the new arrangement has been much more satisfactory and the complaints, after getting into working order, very rare.

The Committee also had to acquire a new refuse tip for the District, and after visiting various sites it was eventually decided to take on lease a plot of land containing a large disused clay pit off Moorside Road. Two sheds have been erected for garaging and storage on a portion of this land, and the remainder sub-let to the Parish Council for allotment purposes.

The privy middens in this District are gradually diminishing. During the past year 27 water closets have been provided and 16 privy middens abolished. 58 new or additional dust-bins were provided and in 26 cases house drains were repaired or reconstructed and 16 drains provided with ventilation.

## SLAUGHTER-HOUSES.

The number of licensed Slaughter-Houses is reduced to three. Two in Flixton and one in Clifton. Sixty visits have been paid to these premises, which are kept in a fairly good and satisfactory condition and the quality of meat is of a good standard.

## DAIRIES AND COWSHEDS.

The number of names on the Register as Cow Keepers and Purveyors of Milk are :—

Barton Moss. 5 ; Clifton, 10 ; Davyhulme, 11 ; Flixton, 17 ; Purveyors of Milk in other Districts, 11—Total 54.

Sixty-five visits were paid to these premises, which are kept in a fairly satisfactory condition and cleansed regularly.

## INFECTIOUS DISEASES.

The number of cases of Infectious Diseases notified other than Tuberculosis, is shown in the following table, also a comparison with previous years :—

TABLE II.

NAME OF DISEASE	1915	1916	1917	1918	1919	Average for 5 years	1920
Scarlet Fever.....	57	61	10	14	53	39	72
Diphtheria .....	3	5	9	10	4	6·2	16
Enteric Fever .....	7	..	6	1	4	3·6	...
Puerperal Fever .....	..	1	..	..	..	·2	...
Erysipelas .....	4	12	1	5	1	4·6	4
Ophthalmia Neonatorum	..	..	1	1	..	·4	1
Poliomyelitis ..	..	...	...	..	..	..	1
Total .....	71	79	27	31	62	54	94

The following gives particulars of the cases notified in the various Townships, also particulars relating to Disinfections :—



TABLE III.  
NUMBER OF CASES NOTIFIED

Township	Scarlet Fever	Diph- theria	Enteric Fever	Ery- sipelas	Ophthalmia Neonatorum	Poliomy- elitis	Total
Barton Moss	..	...	...	...	...	...	...
Davyhulme...	8	...	...	1	...	...	9
Flixton ....	36	2	...	...	..	1	39
Clifton ...	28	14	...	3	1	...	46
Total ..	72	16	..	4	1	..	94

NUMBER OF CASES REMOVED TO HOSPITAL.

Barton Moss	...	...	...	...	...	...	..
Davyhulme ..	4	...	...	...	...	...	4
Flixton ....	18	1	...	...	...	...	19
Clifton.....	6	3	...	...	...	...	9
Total ..	28	4	...	...	...	...	32

NUMBER OF DISINFECTIONS.

	Houses	Bedding	Schools
Barton Moss .....	1	1	..
Davyhulme ... ..	6	6	..
Flixton .....	34	34	1
Clifton .....	38	39	..
Total.....	79	80	1

The free distribution of Disinfectants from convenient centres in each Township still continues.

The following table gives a monthly record of all cases of compulsory notifiable disease occurring in each Township :—

TABLE IV.

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
Scarlet Fever.....	...	..	...	...	...	...	...	...	...	...	...	...	...
Diphtheria .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary													
Tuberculosis...	...	...	...	1	...	...	...	...	...	...	...	...	1
Non-Pulmonary													
Tuberculosis...	...	...	..	...	...	...	...	...	...	...	...	...	...
Total	...	...	...	1	...	...	...	..	...	...	...	...	1

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
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## DAVVHULME.

Scarlet Fever.....	...	...	...	...	...	1	...	...	...	1	3	3	8
Diphtheria .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum .....	...	...	...	...	...	...	...	...	...	1	...	...	1
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Pulmonary Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total .....	...	...	...	...	...	1	...	...	...	2	3	3	9

## FLIXTON.

Scarlet Fever.....	1	2	1	2	3	1	4	4	4	1	6	7	36
Diphtheria .....	...	...	...	...	...	...	...	...	...	1	...	1	2
Ophthalmia .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis .....	...	...	...	...	...	1	...	...	...	...	...	...	1
Pulmonary Tuberculosis ...	1	...	...	1	...	...	1	...	1	...	...	1	5
Non-Pulmonary Tuberculosis ...	...	1	...	...	...	...	...	...	...	...	...	...	2
Total .....	2	3	1	3	3	3	5	4	5	2	6	9	46

## CLIFTON.

Scarlet Fever.....	3	1	3	2	3	2	4	2	4	1	1	2	28
Diphtheria .....	...	2	2	...	...	...	...	1	9	...	...	...	14
Ophthalmia .....	...	...	...	1	...	...	...	...	...	...	...	...	1
Neonatorum .....	...	1	1	...	...	...	...	...	...	...	...	...	3
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	1	...	...	...
Pulmonary Tuberculosis ...	...	...	1	...	2	...	...	1	2	1	...	1	8
Non-Pulmonary Tuberculosis ...	1	...	...	...	...	...	...	...	...	...	...	1	2
Total .....	4	4	7	3	5	2	4	4	15	3	1	4	56
Total for all Townships	6	7	8	7	8	6	9	8	20	7	10	16	112

### PETROLEUM ACTS.

Below is given the number of Licenses granted under the above Acts during the year in each Township:

Davyhulme	Petroleum or other Spirit	11
„	Carbide of Calcium.....	3
Flixton	Motor Spirit.....	1
Clifton	„ .....	3
Total.....		18

Frequent visits were paid to these premises. No infringement of the regulations were found.

### PUBLIC LIGHTING.

No alteration as regards provision of new Lamps has taken place, with the exception of a Petrol Lamp in Irlam Road, Flixton.

The number of Lamps in each Township is given below:—

TABLE V.

District	Number of Lamps	Gas Supplied by
Barton Moss .....	17	Salford Corporation
Clifton .....	62	Salford Corporation
Davyhulme.....	22 151 5 3	Salford Corporation Stretford Gas Company Oil Lamps Acetylene
Flixton .....	174 1	Stretford Gas Company Petrol Lamp
Total for all Districts ...	435	

I am, Gentlemen,

Your obedient servant,

ROBERT G. CHILD, M.S.I.A.,

Sanitary Inspector.

